

# ABSTRACT

An inter-OS control software for switching OS's in operation executed on a single CPU is installed, and plural OS's are made alternately executed. A control program is executed  
5 exclusively on one OS, which controls the controlled apparatus. A supervisory control program and a development environment program are executed on another OS, and a memory space is divided so as to make no effect for the operation of the control program. A higher real-time performance and reliability can be  
10 established with a single CPU architecture.

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